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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/12540A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 D01D5/253 D01D5/098 D04H3/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 D01D D04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|----------|---|-----------------------|
| P, A     | WO 03/016606 A (MACKY JAN ; ORTEGA ALBERT E (US); THOMLEY R WAYNE (US); CEREX ADVANCE) 27 February 2003 (2003-02-27)<br>the whole document                                    | 1-14                  |
| A        | PATENT ABSTRACTS OF JAPAN<br>vol. 0131, no. 99 (C-594),<br>11 May 1989 (1989-05-11)<br>& JP 1 020315 A (MITSUBISHI RAYON CO LTD),<br>24 January 1989 (1989-01-24)<br>abstract | 1-9                   |
| P, A     | PATENT ABSTRACTS OF JAPAN<br>vol. 2003, no. 09,<br>3 September 2003 (2003-09-03)<br>& JP 2003 138464 A (TEIJIN LTD),<br>14 May 2003 (2003-05-14)<br>abstract                  | 10-14                 |

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

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Date of the actual completion of the international search

Date of mailing of the international search report

23 March 2004

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Information on patent family members

International Application No

PCT/EP 03/12540

| Patent document cited in search report | Publication date |       | Patent family member(s)      |  | Publication date         |
|--|------------------|-------|------------------------------|--|--------------------------|
| WO 03016606                            | A 27-02-2003     | WO US | 03016606 A1<br>2003049988 A1 |  | 27-02-2003<br>13-03-2003 |
| JP 1020315                             | A 24-01-1989     |       | NONE                         |  |                          |
| JP 2003138464                          | A 14-05-2003     |       | NONE                         |  |                          |